## Importing ITS into sPHENIX

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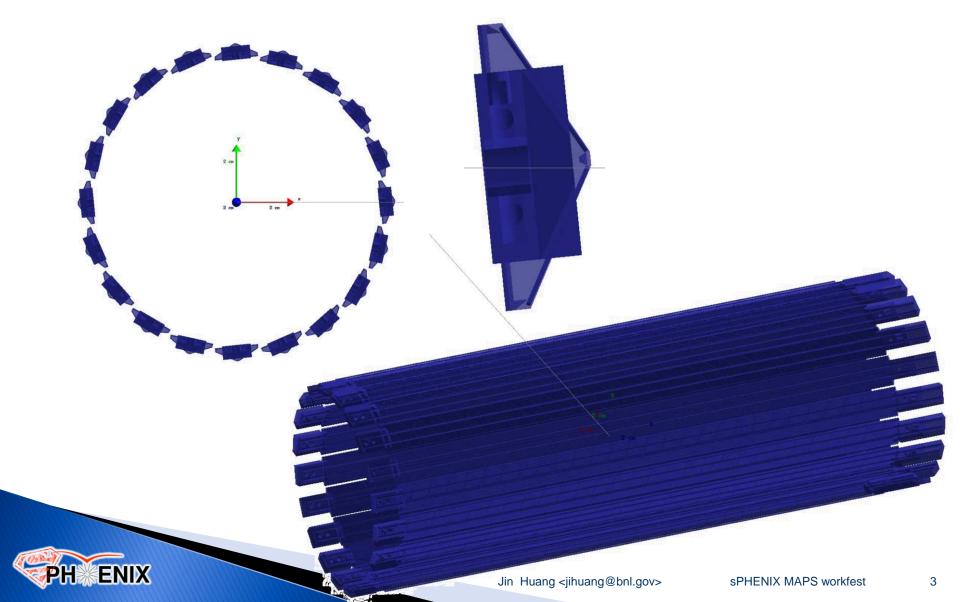
## **Overview**

- Mike fetched ALICE ITS TGeo geometry
- We discussed best option for importing to PHENIX via
   TGeo -> GDML -> Geant GDML parser
- ...caveats...blah....
- And we can import the ITS ladders

  (sensor/cooling/support) and build our sPHENIX ITS



## Test assembly 20 staves in sPHENIX sim



## Next

- Make it real code
- 2. Digitization
- 3. Geant geometry -> reconstruction exportation
- 4. Interface to pattern reco (sPHENIX Hough)
- Fit via GenFit2 (Haiwang)
- 6. RAVE (Sanghoon)
- 7. Awesome B-jets plot ....

